

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, Virginia 22313-1450



PATENT

Re: Application : Andrew P. Kahn et al. Case No. : 01-2633A  
Serial No : 10/791,982 Art Unit No : Unknown  
Filed : March 3, 2004 Examiner : Unknown  
For : METHOD FOR PURIFYING N-METHYL-2-PYRROLIDONE

Enclosed are the following documents related to the above-identified application:

(X) Return Receipt of Postcard	( ) Request for Reconsideration
(X) Certificate of Mailing	( ) Declaration Under 37 C.F.R. § 1.131
( ) Preliminary Amendment	( ) Declaration Under 37 C.F.R. § 1.132
( ) Assignment for Recordal	( ) Terminal Disclaimer 37 C.F.R. § 1.321(c)
(X) Information Disclosure Statement Under 37 C.F.R. § 1.97(b)(1)	( ) Notice of Appeal
(X) Form PTO-1449	( ) Statement of Common Ownership
( ) Response to Restriction Requirement	( ) Amendment After Allowance 37 C.F.R. § 1.312
( ) One-Month Extension of Time Under 37 C.F.R. § 1.136 (fee noted below)	( ) Issue Fee Transmittal
	( ) Certificate Under 37 C.F.R. § 3.73(b)
	( ) Amendment Under 37 C.F.R. § 1,121

The fee has been calculated as shown below:

**CLAIMS AS AMENDED**

	Claims Remaining After Amendment	Highest No. Previously Paid for	Present Extra	Rate	Add'l Fee
Total Claims:	minus : 20	:	:x \$18	:	0.00
Ind. Claims:	minus : 3	:	:x \$86	:	0.00
Fee for Petition of Extension of time (1 month see below)		:	\$	:	0.00
<b>TOTAL FEE DUE</b>				<b>\$</b>	<b>0.00</b>

- (X) No additional fee is required.
- ( ) Charge \$\_\_\_\_\_ to Deposit Account No. 01-2230. Two duplicate copies of this sheet are enclosed.
- (X) Please charge any additional fees or credit overpayment to Deposit Account No. 01-2230.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, with sufficient postage, in an envelope addressed to:  
MAIL STOP  
Commissioner for Patents, P. O. Box 1450,  
Alexandria, Virginia 22313-1450 on  
March 17, 2004.

Jonathan L. Schuchardt  
Name of Person Signing

*Jonathan L. Schuchardt*

*Jonathan L. Schuchardt*  
Jonathan L. Schuchardt  
Reg. No. 34,428  
Attorney for Applicant(s)  
LYONDELL CHEMICAL COMPANY  
3801 West Chester Pike  
Newtown Square, PA 19073  
Telephone: (610) 359-2276  
March 17, 2004  
**Customer Number: 24114**

01-2633A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Andrew P. Kahn et al.

Serial No. 10/791,982

Filed: March 3, 2004



: Group Art: Unknown

: Examiner: Unknown

For: METHOD FOR PURIFYING N-METHYL-2-PYRROLIDONE

Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Sir:

Applicants submit here a list of references they believe are relevant to the examination of this patent application. The references are listed on accompanying form PTO-1449. Since this application was filed after June 30, 2003, copies of any cited U.S. patent/application references have not been included.

Applicants respectfully ask the Examiner to consider the cited references.

Respectfully submitted,

Andrew P. Kahn et al.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, with sufficient postage, in an envelope addressed to:

Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on March 17, 2004.

Jonathan L. Schuchardt

Name of person signing

Jonathan L. Schuchardt  
Signature

By: Jonathan L. Schuchardt  
Jonathan L. Schuchardt  
Reg. No. 34,428  
Attorney for Applicant(s)  
Lyondell Chemical Company  
3801 West Chester Pike  
Newtown Square, PA 19073  
Phone: (610) 359-2276  
March 17, 2004

**Customer Number: 24114**



Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Rev. 7/89		Attorney Docket: 01-2633A	Page 1 of 1
		Serial No. 10/791,982	Examiner: Unknown
LIST OF PRIOR ART CITED BY APPLICANT		Applicants: Andrew P. Kahn et al.	Filing Date: 03/03/2004
		FOR: METHOD FOR PURIFYING N-METHYL-2-PYRROLIDONE	Group Art: Unknown
		Date: March 17, 2004	

#### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	6,348,601	02/19/02	Ohlbach et al.	548	552	02/01/01
	AB	6,217,771	04/17/01	Boyle et al.	210	638	10/15/99
	AC	6,207,824	03/27/01	Henkes et al.	540	451	03/07/00
	AD	5,777,131	07/07/98	Evans	548	543	08/14/96
	AE	4,837,338	06/06/89	Krupay et al.	548	555	06/16/86
	AF	4,501,902	02/26/85	Cleary	548	555	12/21/82
	AG	3,960,846	06/01/76	Potin et al.	260	239.3 A	09/20/74
	AH	3,154,540	10/27/64	Beer et al.	260	239.3	08/01/63
	AI						
	AJ						
	AK						

#### FOREIGN PATENT DOCUMENTS

		Date	Country	Class	Subclass	Translation	
						YES	NO
	AL						
	AM						
	AN						
	AO						

#### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AP	
	AQ	
	AR	

Examiner	Date Considered
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.